



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/687,322 Confirmation No. 8774  
Applicant (s) : Robert Urscheler et al.  
Filed : October 16, 2003  
TC/A.U. : 2857  
Examiner : Unknown  
Title : PROCESS FOR MAKING COATED PAPER OR  
PAPERBOARD  
  
Docket No. : 62738C  
Customer No. 00109

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the  
Examiner's attention is directed to the information identified in the attached Form  
PTO 1449.

A copy of all cited patents and printed publications is enclosed. The Examiner  
is requested to review each reference and formulate his/her own understanding  
thereof.

Respectfully submitted,

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PDH/ejh

62738C



## INFORMATION DISCLOSURE STATEMENT

(Use Several Sheets if necessary)

ATTY DOCKET NO. 62738 C

SERIAL NO. 10/687,322

APPLICANT Robert Urscheler et al.

FILING DATE October 16, 2003

GROUP 2857

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	US 3436022	April, 1, 1969	R. K. Ernst	239	455	
	US 3508947	April 28, 1970	D. J. Hugues	117	34	
	US 4041897	Aug. 16, 1977	Frank Ade	118	300	
	US 4109611	Aug. 29, 1978	Fahrni et al.	118	325	
	US 4358476	Nov. 9, 1982	Zimmer et al.	427	44	
	US 5391401	Feb. 21, 1995	Blake et al.	427	420	
	US 5643992	Jul. 1, 1997	Paul J. Northey	524	501	
	US 5733608	Mar. 31, 1998	Kessel et al.	427	547	
	US 6099913	Aug. 8, 2000	Clarke et al.	427	420	
	US 6103313	Aug. 15, 2000	Clarke et al.	427	420	
	US 6562441	May 13, 2003	Maeda et al.	428	195	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO
BE 852751	Sept. 22, 1977	Belgium	B05C		X
EP 0919395	Jun. 2, 1999	Europe	B41M	5/00	
EP 1249533	Oct. 16, 2002	Europe	D21H	23/48	
GB 838392	Jun. 22, 1960	United Kingdom	B05		
JP 2000-45200	July 22, 1998	Japan	D21H	23/48	X

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Schweizer, Peter M. "Premetered coating processes, Advantages and applications", <i>Coating</i> , 1998.
Alleborn, Norbert et al., "High-speed curtain coating of paper", <i>PTS-Coating Symposium</i> , 2001.
Miyamoto, K. and Yoshinobu Katagiri, "Curtain Coating", <i>Liquid Film Coating</i> , 1997, 463-494.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	US 2001/0016231	Aug. 23, 2001	Christopher L. Bower	427	420	
	US 2002/0066404	Jun. 6, 2002	Ueberschar et al.	118	261	
	US 2002/0160121	Oct. 31, 2002	Katagiri et al.	427	420	
	US 2003/0118739	Jun. 26, 2003	Li et al.	427	421	
	US 2003/0190432	Oct. 9, 2003	Yokota et al.	427	420	
	US 2003/0235657	Dec. 25, 2003	Schweizer et al.	427	420	
	US 2003/0003197	Jan. 2, 2003	Berlin et al.	426	106	

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DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO
WO 02/053838	July 11, 2002	International	D21H	27/10	
WO 02/066739	Aug. 29, 2002	International	D21H	23/48	X
WO 02/081576	Oct. 17, 2002	International	C09D	4/00	

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	Triantafillopoulos, Nick et al., "Operational Issues in High-speed Curtain Coating of Paper", 2001.
	Derwent Abstract 1992-429056, Japanese Patent 04-325586, Wakata kazuyoshi et al., Nov. 13, 1992.
	Derwent Abstract 1992-429948, Japanese Patent 04-327296, Higuchi masahiro et al., Nov. 16, 1992.
	Derwent Abstract 1995-196793, Japanese Patent 07-113068, Moroishi Yutaka et al., May 2, 1995.
	Derwent Abstract 1999-063934, Japanese Patent 10-309506, Kashiwada Hiroataka et al., Nov. 24, 1998.
	Derwent Abstract 1992-170429, Japanese Patent 04100998, April 2, 1992.
	Derwent Abstract 1993-055029, Japanese Patent 05004441, Sugiyama Takeo, Jan. 14, 1993.

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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
WO 98/45054	Oct. 15, 1998	International	B05D	3/00	
WO 01/54828	Aug. 2, 2001	International	B05D	1/34	

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	Derwent Abstract 1994-222740, Japanese Patent 6158591, Jun. 7, 1994.
	Derwent Abstract 1995-009867, Japanese Patent 6294099, Arai Takao et al., Oct. 21, 1994.
	Derwent Abstract 1995-204515, Japanese Patent 07119083, May 9, 1995.
	Derwent Abstract 2001-274380, Japanese Patent 2001/018526, July 7, 1999.
	Derwent Abstract 2001-239141, Japanese Patent 2001/038284, Yanagisawa Kenji et al., July 30, 1999.
	Derwent Abstract 2001-274380, Japanese Patent 2001/138631, Maruyama et al., May 22, 2001.
	Derwent Abstract 2002-003151, Japanese Patent 2001/252612, Sunakawa Tomohide, Sept. 18, 2001.
	Derwent Abstract 2002-044693, Japanese Patent 2001/262499, Yamane Kengo, Sept. 26, 2001.
	Derwent Abstract 2002-296627, Japanese Patent 2001/293956, Shiraishi et al., Oct. 23, 2001.
	Derwent Abstract 2003-357679, Japanese Patent 2002/307804, Yokota Yasuro, Oct. 23, 2002.
	Derwent Abstract 2003-516007, Japanese Patent 2002/323734, Nagahama Masaru et al., Nov. 8, 2002.
	Derwent Abstract 2000-642699, Japanese Patent 2000/262962, Ishiguro Naoyuki, Sept. 26, 2000.
	Derwent Abstract 2002-041276, International Patent 200176884, Shiraishi et al., Oct. 18, 2001.

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